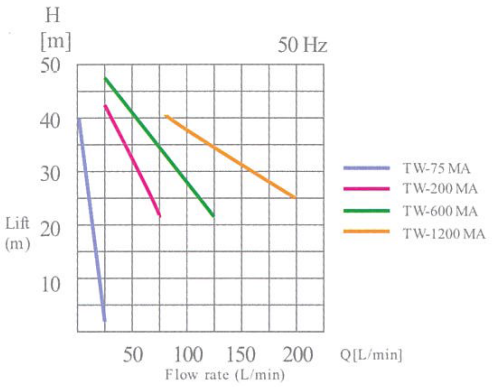
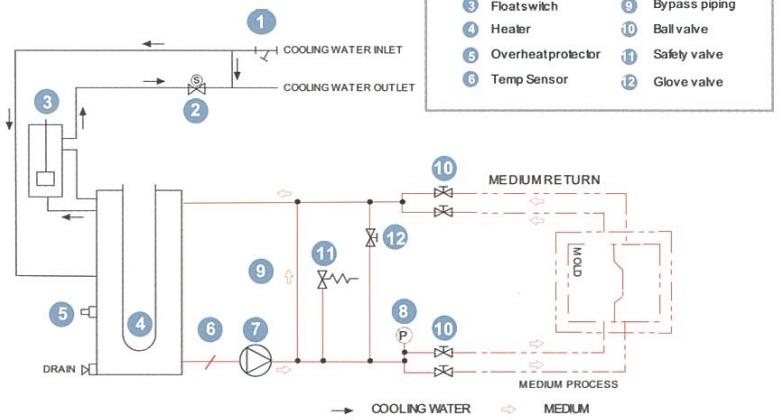
HEATING MEDIUM CIRCULATION TEMPERATURE CONTROLLER (Mold Temperature Controller)

Features

1. Performance
   - [1] Direct cooling and hight power heater provide quicker mold heat up
   - [2] Hight pressure, mass flow pump
2. Versatility
   - [1] Set Run / Stop timer as requested
   - [2] Automatic depressurization while heating up
   - [3] Alarm output



Flow Sheet



TW-MA-KI Specification

Model			TW-75MA-KI			TW-200MA-KI			TW-600MA-KI			TW-1200MA-KI		
Medium			City water											
Temperatur			Max. 120°C											
Overheat Protection Set Temp			122°C											
Control Method			PID											
Heater Capacity (kW) 200V/380V/415V			3.0			6.0			9.0			12.0		
Pump	Motor Capacity	(kW)	0.5			0.55			1.1			1.5		
	Max. Preassure	(Mpa)	0.4			0.4			0.35			0.4		
	Max. Flow	(L/min)	25			73			133			217		
	Flow Rate	(L/min)	5	15	25	25	50	73	55	83	133	92	166	217
	Total Head	(m)	32	17	3	41	32	18	38	30	18	40	31	22
Cooling Method			Direct cooling											
Practical Cooling Capacity (kW)*			2.3			7.3			10.8			15.1		
Pipe diam	Circulation System		8Ax2			10Ax2			10Ax4			15Ax4		
	Cooling System		10A			15A								
Power Source (Cable)			AC 200V/380V/415V/50Hz 3P+E (5m)											
Total Electric Capacity 200V/380V/415V		(kW)	3.5			6.55			10.1			13.5		
Cooling Water Volume		(L/min)	≥ 5			≥ 15			≥ 25			≥ 45		
Cooling Water Pressure		(Mpa)	0.1 ~ 0-3											
Heat Resisting Hose/Hose-Nipple			8Ax 0.5m x2 pcs			10A x 0.5m x 2 pcs			10A x 0.5m x 4 pcs			15Ax 0.5m x 4 pcs		
With Band For LA			8Ax 3m x4 pcs			10Ax3mx4 pcs			10Ax3mx8 pcs			15Ax 3m x 8 pcs		
Dimension (D x W x H)		(mm)	430 x 235 x 540			635 x 235 x 570			635 x 235 x 750			700 x 300 x 870		
Weight		(kg)	33			55			70			100		

Feed pressure for cooling water is 0.2MPa when the difference between medium temperature and cooling water inlet/outlet temperature is 30 C
Technical specifications and dimensions are subject to change without prior notice.

1KW=860kcal/h